In the Abstract:

Please delete the Abstract and replace with the following:

-- A method and apparatus for use with a computer for providing commands to a computer through tracked manual gestures and for providing feedback to the user through forces applied to the interface. A user manipulatable object is coupled to a mechanical linkage which is, in turn, supportable on a fixed surface. The mechanical linkage or the user manipulatable object is tracked by sensors for sensing the location and/or orientation of the object. A multi-processor system architecture is disclosed wherein a host computer system is interfaced with a dedicated microprocessor which is responsive to the output of the sensors and provides the host computer with information derived from the sensors. The host computer has an application program which responds to the information provided via the microprocessor and which can provide force-feedback commands back to the microprocessor. The force feedback is felt by a user via the user manipulatable object. --

In the Specification:

Page 1, line 6, after "providing" insert -- and receiving --.
Page 1, line 6, after "to" insert -- and from --.

Page 3, line 23, after "stylus", insert a new paragraph:

-- An embodiment of the present invention includes computer software and hardware which will provide force feedback information from the computer to the stylus. The computer sends feedback signals to the mechanical linkage which has force generators for generating force in response to images depicted on the computer screen. Incoming commands from the host computer are monitored by the microprocessor and instruct the microprocessor to report forces felt by a joint or set forces on a joint of the mechanical linkage. --

Page 4, line 8, change "loops" to -- loop --.

Page 5, line 18, after "apparatus", insert a new paragraph:

-- Also contemplated in the present invention is computer software and hardware which will provide feedback information from the computer to the stylus and cause forces on the stylus. This implementation is described in greater detail subsequently. --

Page 7, line 29, change "11" to -- 11' --.
Page 10, line 19, change "3A" to -- 3 --.